

DEVAL L. PATRICK GOVERNOR

TIMOTHY P. MURRAY LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD SECRETARY

JOHN AUERBACH COMMISSIONER

The Commonwealth of Massachusetts

Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130
617-983-6622

07/06/11

Christopher Tarrant Assistant District Attorney, Middlesex County

Dear ADA Tarrant,

Enclosed are copies of the information you requested regarding sample numbers in the following:

- 1. Drug Analysis Laboratory Receipts.
- 2. Curriculum Vitae for Kate A. Corbett, Daniela Frasca, Della Saunders, Daniel Renczkowski, Peter Piro, Annie Khan (Dookhan).
- 3. Control Cards with Analytical Results for sample numbers

5. GC-MS Raw Data Sheets for the above sample numbers.

4. Analysis Notation Forms for the above sample numbers.

GC-MS confirmatory testing for sample number was performed by Della Saunders and all other testing was performed by Kate A. Corbett. All testing for sample numbers was performed by Daniela Frasca and confirmatory testing are as follows: for sample number was performed by Daniel Renczkowski; for sample number was performed by Peter Piro; and for sample number was performed by Annie Khan (Dookhan). If you have any questions or concerns about these facts, please contact me at the

number below.

Sincerely,

Daniela Frasca Chemist II

Drug Laboratory 617 983-6631

fax: 617 983-6625

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health State Laboratory Institute

Boston Drug Laboratory Tel (617) 983-6622 Fax (617) 983-6625

Boston Hours

8:00 - 11:002:00-4:00

DRUG RECEIPT

Amherst Drug Laboratory Tel (413) 545-2601 Fax (413) 545-2608

Amherst Hours

9:00 - 12:00

1:00 - 3:00

City or Department: FRAMINGHAM POLICE	Police Reference No.:	
Name and Rank of Submitting Officer: OFF ALAN DUBESI	HTER #177	
Defendant(s) Name (last, first, initial):		
11/17/1948		
To be completed by Submitter Description of Items Submitted	To be completed b Gross Weight	
A: SPB w/ kpb w/ white rock substance.	2.9a	
· ·		
Received by:	Date: 4	-4-07

The Commonwealth of Massachusetts

Executive Office of Health and Human Services Department of Public Health State Laboratory Institute

Boston Drug Laboratory Tel (617) 983-6622 Fax (617) 983-6625

Amherst Drug Laboratory Tel (413) 545-2601 Fax (413) 545-2608

Boston Hours

Amherst Hours

8:00-11:00

DRUG RECEIPT 9:00-12:00

To be completed by Lab Personnel

2:00-4:00

1:00-3:00

City or Department: FRAMINGHAM POLICE

Police Reference No.:



Name and Rank of Submitting Officer:

OFFICER ALAN DUBESHTER #177

Defendant (s) Name (last, first, initial):



11/17/1948 11/08/1970 09/02/1969

To be completed by Submitter Gross Weight Lab Number **Description of Items Submitted** A: SPB W/ TWO KPB'S W/WHITE ROCK SUBSTANCE B: SPB W/ KPB W/ WHITE ROCK SUBSTANCE C: SPB W/ WHITE ROCK SUBSTANCE Received by: Date:

Kate A. Corbett

Education

Bachelor of Science Degree, CHEMISTRY May 2003 MERRIMACK COLLEGE

Coursework included: Organic Chemistry, Inorganic Chemistry, Quantitative Analysis, Instrumental Analysis, Physical Chemistry, Physics, Calculus

Employment

Chemist II State Laboratory Institute (March 2008-Present)

Massachusetts Department of Public Health

Drug Analysis Laboratory

- Responsible for the identification of substance and trafficking substances to determine violation of the Massachusetts drug laws
- Responsible for the identification of pharmaceuticals to determine violation of the Massachusetts drug laws
- Operate analytical instrumentation, microscopes and balances for forensic drug analysis

Chemist I State Laboratory Institute (2005-March 2008)

Massachusetts Department of Public Health

Drug Analysis Laboratory

- Responsible for the identification of substance to determine violation of the Massachusetts drug laws
- Operate analytical instrumentation for the purpose of performing forensic drug analysis
- Successfully completed an eight week training course in the analysis of drugs conducted by senior staff of the Department of Public Health, Drug Analysis Laboratory
- Appointed an assistant analyst for the Department of Public Flealth, Drug Analysis Laboratory in 2005.

Research Associate (September 2003 – August 2005)

SENSOR TECHNOLOGIES, INC - Shrewsbury, MA

- > Prepared chemistries used in making sensor beads
- Generated and examined sensors employing fluorescence spectroscopy
- > Performed protein, dye and sugar assays using UV/VIS spectrophotometry
- > Carried out titrations on ricin using fluorescence correlation spectroscopy
- > Statistical analysis of experimental data

Intern (March 2003 - August 2003)

MASSACHUSETTS STATE POLICE CRIME LABORATORY - Sudbury, MA

- Assisted in the gathering of case files to fulfill the National Institute of Justice's No Suspect Backlog Reduction Grant
- Observed in the Evidence, Criminalistics, DNA, Drug, Trace, Toxicology, and Bomb/Arson Units

Education

Boston University School of Medicine, Boston MA

Currently enrolled in the Biomedical Forensic Science MS Program

Suffolk University, Boston, MA

Graduated in 05/1996 and received a Bachelor of Science in Biochemistry

EXPERIENCE

Massachusetts State Laboratory Institute/DPH, Jamaica Plain, MA 01/2001 - present Drug Laboratory: Chemist II

- Analysis of all substances by chemical screening, microscopy, and instrument confirmation to determine the presence of drugs for law enforcement agencies in the Commonwealth of Massachusetts.
- Appointed assistant analyst on January 29, 2001 by the Assistant Commissioner of DPH
- · Completed four weeks of training in drug analysis under the supervision of senior chemists.

Quest Diagnostics Incorporated, Cambridge, MA

09/1996 - 10/2001

Department of Toxicology: Medical Technologist I

- Handles comprehensive toxic analysis, therapeutic drug monitoring, forensic drug screening, and compound ID's of biohazard samples utilizing standard operating procedures in clinical toxicology.
- · Entered data and interpreted results for reporting
- · QC/QA of multiple analytical instrumentation as well as maintenance
- Completed 60 days of training under the supervision of doctorate level toxicologists.

Additional Training

Northeastern Association of Forensic Scientists

Designer Drugs

Clandestine labs

Agilent Instruments and Software

Digital Photography

McCrone Research Institute

Forensic Polarized Microscopy

Polarized Microscopy of Illicit Drugs and Excipients

Massachusetts State Laboratory Institute

Expert Witness

Raman Spectroscopy

Associations and Programs

•	Northeastern Association of Forensic Scientists (NEAFS)	2001 - present
	The International Association of Forensic Toxicologists (TIAFT)	2003 - present
9	The International Association of Therapeutic Drug Monitoring	2003 - present
	And Clinical Toxicology (IATDMCT)	_
	Massachusetts State Science Fair Judge	2000 - present
•	Middle School State Science Fair Judge	2006 - present
	Volunteer Science Project Mentor/Tutor	2003 - present
	for the TTT Mentor Program	•

Della Saunders

Education:

Boston University Boston, MA. Bachelors of Arts in Chemistry 1982

Experience:

1985-present: Currently Chemist III Massachusetts Department of Public Health Drug Analysis Laboratory at State Laboratory Institute Boston, MA. Responsible for analyzing unknown substances submitted by Massachusetts law enforcement agencies; operating, maintaining, and interpreting data from analytical equipment (analytical balance, microscope, gas chromatogram, ultraviolet spectrometer, infrared spectrometer, gas chromatogram/mass spectrometer); training junior level chemists; providing expert testimony to local, state, and federal courts in the Commonwealth of Massachusetts.

1984-1985: Laboratory Technician in the Media Laboratory at State Laboratory Institute Boston, MA. Responsible for making chemical reagents and media plates; operating and maintaining laboratory equipment (autoclave, pH meter, ultra-violet hood), and collecting safety data for laboratory protocols.

Training:

1985: Six week training with Senior Staff at Massachusetts Department of Public Health (MDPH) Drug Analysis Laboratory Boston, MA. Appointed Assistant Analyst MDPH

1987: One week training course in drug analysis given by the Federal Drug Enforcement Agency (DEA) McLean, VA.

1992: Training in Gas Chromatograph/Mass Spectroscopy (GC/MS) Hewlett Packard (Agilent)

1996: Training in Fourier Transform Infra-Red Spectroscopy ETA (Analect)

2001: Expert Witness Workshop National Laboratory Training network Quality Assurance/Quality Control Training (MDPH)

2002: Techniques of Supervision Training (MDPH)

1999: Notary Public Commonwealth of Massachusetts

Daniel Renczkowski

Education

Degree:

Bachelors of Science in Forensic Chemistry,

May 2005 from Buffalo State College

GPA: 3.84, Dean's List, Honor's Recognition American Chemical Society Undergraduate Award

Phi Lambda Upsilon Membership

Related Coursework: Analytical Chemistry

Organic Chemistry I and II

Biochemistry

Chemistry of Criminalistics

Anatomy

Physical Chemistry

Instrumental Chemistry Forensics Laboratory

Physical Evidence

Physiology

Employment

Massachusetts Department of Public Health Drug Analysis Laboratory Chemist I (October 2005 – March 2008) Chemist II (March 2008 – present)

- -Successfully completed an eight week training course in the analysis of drugs conducted by senior staff
- -Successfully completed GC/MS training program
- -Responsible for the identification of substances to determine violation of the Controlled Substances Act of the Massachusetts General Laws
- -Responsible for maintenance and repairs of analytical instruments
- -Responsible for quality control of analytical instruments and standards

Related Experience

Niagara County Forensics Laboratory Forensic Internship, January 2005

- -Conducted research on the presumptive testing of saliva
- -Conducted research on the identification and detection of lubricants
- -Observed all aspects of the laboratory including drug analysis, firearms comparison, trace evidence, arson investigation, toxicology, and serology
- -Daily use of FTIR microscope and DuraSamplerII
- -Familiarized with GC/MS programs

Peter Piro

EDUCATION

Boston Unversity

B.A. in Chemistry and Minor in Biology, 1989

HONORS

Magna Cum Laude, 3.6 GPA Graduated with Distinction in Chemistry Valedictorian of the Chemistry Department

EXPERIENCE

Department of Public Health/State Laboratory Institute

Chemist III, II, I/ Assistant Analyst

December 1991-Present

Supervise the operation and maintenance of the Gas Chromatography/Mass

Spectrometry Laboratory. Analyze controlled substances for State and Federal law enforcement agencies. Qualified as an expert witness in Massachusetts courts and U.S. District Court.

Massachusetts Health Research Institute

Laboratory Technician

September 1990-December 1991

Researched the seasonal and special occurrences of DSP and PSP in shellfish samples harvested from coastal waters and Georges Bank.

TRAINING AND ORGANIZATIONS

- * Completed a six-week training course by senior staff within the Department of Public Health Drug Analysis laboratory.
- * Appointed Assistant Analyst by the Assistant Commissioner of Public Health in . February 1991.
- * Elected as a Regular Member to the Northeastern Association of Forensic Chemists on October 27th 1995.
- * Completed training in Mass Spectrometry given by the Food and Drug Administration/Forensic Chemistry Center on November 2002.
- * Completed training in Mass Spectrometry Troubleshooting and Maintenance, October 25th 2002, at Agilent Technologies.
- * Notary Public since 1993.

Annie Khan (Dookhan)

Education:

University of Massachusetts, Boston, Ma, Master of Science in Chemistry. University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

Experience:

2003 - present

Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

- *Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.
- *Appointed Assistant Analyst by Assistant Commissioner of Public Health, 2004.
- *Responsible for the identification of illicit drugs to determine violations of harmful and narcotic drug laws.
- *Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.
- *Maintenance and repairs of all analytical instruments.
- *Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.
- * Responsible for the Quality Control/Quality Assurance program for the drug lab.
- *Notary Public.
- *Qualified as an expert witness in Massachusetts Courts and U.S. District Court

2001 - 2003

OC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, OC Material Control

- *Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department.
- *Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.
- *Writing, revising and reviewing Standard Operating Procedures (SOPs).
- *Trained and supervised new chemists and interns for the department.
- *Routine QC testing of products for the FDA.
- *Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.
- *Calibration, preventive maintenance, QC and QA of analytical instrumentation.
- *Complete testing of chemicals for Vendor Validation Project for the FDA.
- *Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

Additional Training:

Dept. of Justice - Forensics Professionals. (numerous trainings)

GLP/GMP course with Massachusetts Biologic Laboratory.

OC/OA training according to FDA Codes and Regulations.

GC and GC/MS courses with Agilent Technologies and Restek.

HPLC course with Waters Cooperation.

FTIR course with Spectros.

TOC training with MBL and Sievers.

Association:

American Chemical Society (ACS)

Northeastern Association of Forensics Science (NEAFS)

Pretimin Cocaine

Date Analyzed: JUN 2 7 2007

City: FRAMINGHAM

Def: ROCHON, STEPHEN

Am't: Sub: SUB

Cont:

#TESTED: Date Rec: 04/04/2007 From: P.0

From: P.O. ALAN DUBESHTER

1 PB

Gross Wt:

QUANT:

2.90

Tests: KAC

Net Weight:

INDINGS:

Folk_OIG_PRR_106265

PRELIM: DATE ANALYZED: 8-6-07

CITY: FRAMINGHAN

DEF:

AM'T: SUB: SUB CONT: 2 PB

#TESTED: /

DATE REC: Ø5/Ø8/2007 FROM: P.O. ALAN DUBESHTER

GROSS WT: 3.00 # TESTS:

AMARICA DEFINITIONS: Cocaine

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QUANT:

DATE ANALYZED: 8-9-07

CITY: FRAMINGHAM

DEF:

AM'T: SUB: SUB CONT: PB

#TESTED: 4

DATE REC: 05/08/2007 FROM: P.O. ALAN DUBESHTER

GROSS WT: 9.90 # TESTS: ZE

CSMADED NO MARKET

FROM: P.O. ALAN DUBESHTER

GROSS WT: 9.90 # TESTS: ZE

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QUANT:

Folk_OIG_PRR_106266

DATE ANALYZED: 08-08-07

CITY: FRAMINGHAM

SUB: SUB

CONT:

1 PB

#TESTED:

DATE REC: Ø5/Ø8/2007 FROM: P.O. ALAN DUBESHTER

GROSS WT:

2.10

NET WEIGHT: OF FINDINGS:

cocane

QUANT:

DRUG POWDER ANALYSIS FORM

SAMPLE #No. of samples tested:	AGENCY FRAMINGHAM ANALYST KAC Evidence Wt.
physical description: I ph Containil off-white rock	Gross Wt (): <u>6.8(1469</u> Ag AM Gross Wt (): Pkg. Wt: <u>0.17139</u> Net Wt: <u>0.49339</u>
PRELIMINARY TESTS Spot Tests	Microcrystalline Tests
Cobalt H + Thiocyanate (H) Marquis Froehde's Mecke's	Gold Chloride TLTA (H) OTHER TESTS
PRELIMINARY TEST RESULTS RESULTS OCCUPY DATE U71.07	GC/MS CONFIRMATORY TEST RESULTS COCALL MS OPERATOR (0 (77) (0))

Revised 7/2005

DRUG PUWDER AND	ALYSIS FORM			
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5 1.4302	30
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DRUG POWDER	ANALYSIS FORM			
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DATE 8/8/07

Information from Data File:

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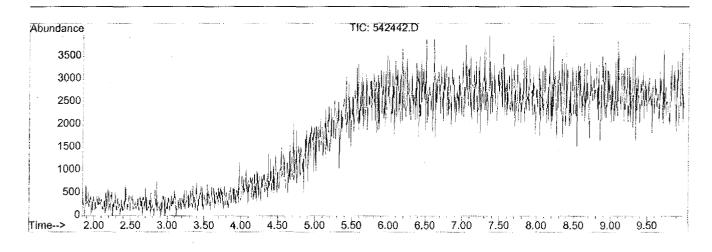
Operator : KAC

Date Acquired : 26 Jun 2007 12:59

Sample Name : BLANK

Submitted by

Vial Number : 2 AcquisitionMeth: DRUGS Integrator : RTE



Ret. Time

Area

Area

Ratio %

NO INTEGRATED PEAKS

/7/5/11 PU Page 1

Tue Jul 05 12:28:51 2011

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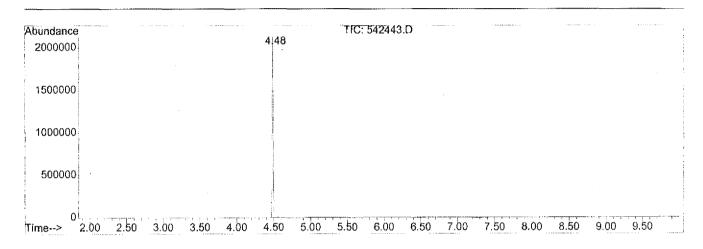
Operator : KAC

Date Acquired : 26 Jun 2007 13:13

Sample Name : COCAINE STD

Submitted by

Vial Number : 79 AcquisitionMeth: DRUGS Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.483	1912022	100.00	100.00

File Name : E:\SYSTEM4\06 25 07\542443.D

Operator : KAC

Date Acquired : 26 Jun 2007 13:13

Sample Name : COCAINE STD

Submitted by :

Vial Number : 79 AcquisitionMeth: DRUGS Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90

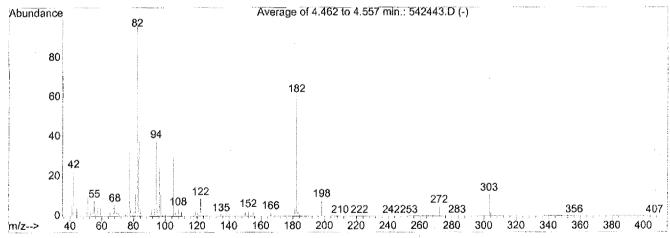
C:\DATABASE\PMW TOX2.L Minimum Quality: 90

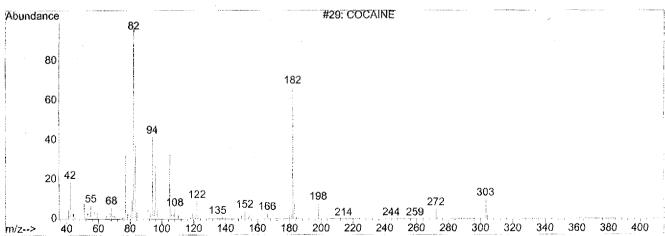
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PK# RT Library/ID CAS# Qual

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COCAINE 000050-36-2 99





542443.D

Tue Jul 05 12:28:55 2011

Page 2

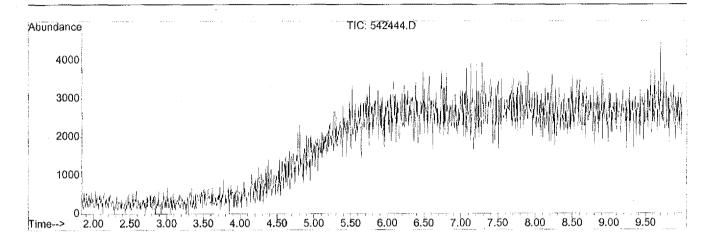
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Operator : KAC

Date Acquired : 26 Jun 2007 13:26

Sample Name : BLANK Submitted by : KAC Vial Number : 2 AcquisitionMeth: DRUGS Integrator : RTE



Ret. Time Area Area % Ratio %

NO INTEGRATED PEAKS

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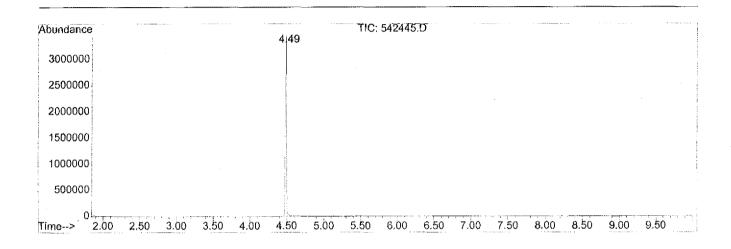
Operator : KAC

Date Acquired : 26 Jun 2007 13:40

: RTE

Sample Name :
Submitted by : KAC
Vial Number : 98
AcquisitionMeth: DRUGS

Integrator



Ret. Time	Area	Area %	Ratio %
4.486	3425421	100.00	100.00

File Name : E:\SYSTEM4\06 25 07\542445.D

Operator : KAC

Date Acquired <u>26 Jun</u> 2007 13:40

Sample Name

Submitted by KAC Vial Number 98 AcquisitionMeth: DRUGS Integrator : RTE

Search Libraries:

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Minimum Quality: 90

Minimum Quality: 90

C:\DATABASE\PMW TOX2.L C:\DATABASE\NIST98.L

PK# Library/ID RT

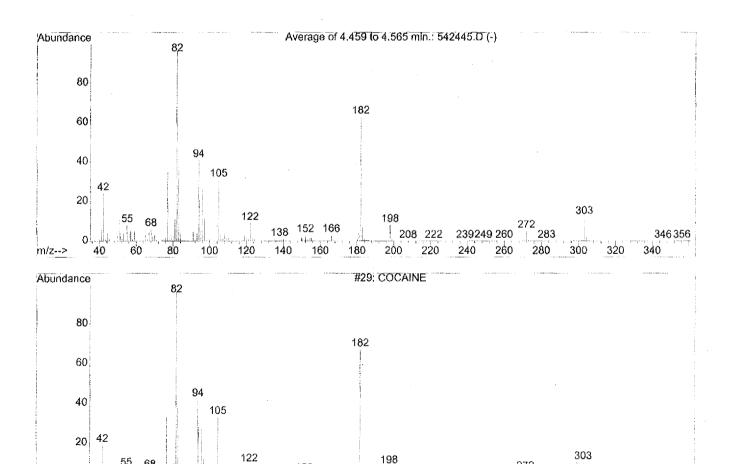
CAS#

Qual

4.49 C:\DATABASE\SLI.L COCAINE

000050-36-2

99



542445.D

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Tue Jul 05 12:29:02 2011

152 166

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Page

300

320

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244

240

214

200

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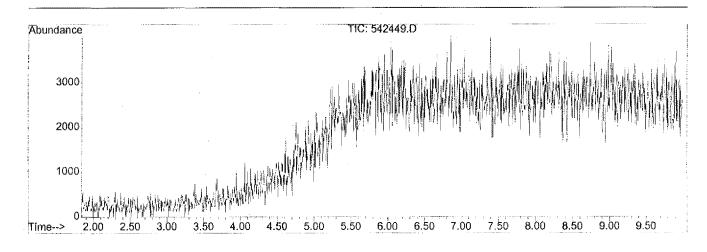
Operator : KAC

Date Acquired : 26 Jun 2007 14:35

Sample Name : BLANK

Submitted by

Vial Number : 2 AcquisitionMeth: DRUGS Integrator : RTE



Ret. Time

Area

Area

Ratio %

NO INTEGRATED PEAKS

Tue Jul 05 12:29:11 2011

Page 1

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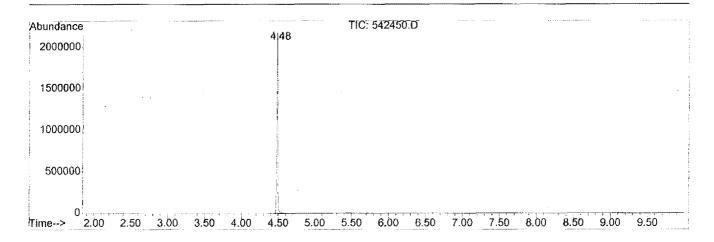
Operator : KAC

Date Acquired : 26 Jun 2007 14:48

Sample Name : COCAINE STD

Submitted by

Vial Number : 79 AcquisitionMeth: DRUGS Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.483	1895391	100.00	100.00

File Name : E:\SYSTEM4\06 25 07\542450.D

Operator : KAC

Date Acquired : 26 Jun 2007 14:48

Sample Name : COCAINE STD

Submitted by

Vial Number : 79 AcquisitionMeth: DRUGS Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L

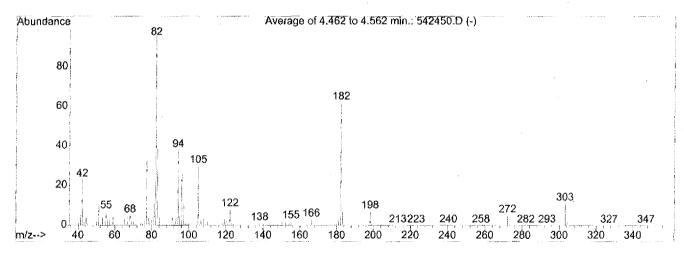
NSLI.L Minimum Quality: 90

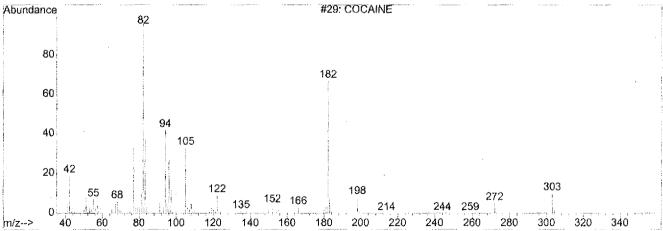
C:\DATABASE\PMW_TOX2.L

Minimum Quality: 90

C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
1	4.48	C:\DATABASE\SLI.L COCAINE	000050-36-2	99





542450.D

Tue Jul 05 12:29:15 2011

Page 2

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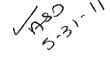
Operator : DJR

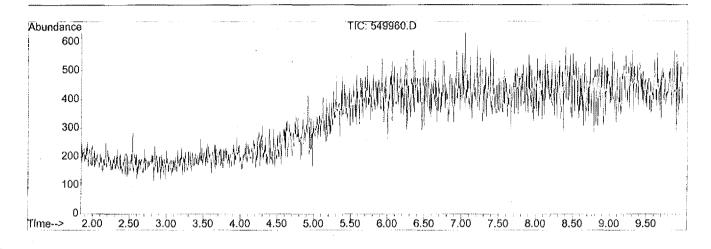
Date Acquired : 5 Aug 2007 9:14

Sample Name : BLANK

Submitted by

Vial Number : 2 AcquisitionMeth: DRUGS Integrator : RTE





Ret. Time Area Area % Ratio %

^{***}NO INTEGRATED PEAKS***

File Name : E:\SYSTEM7\08 04 07\549961.D

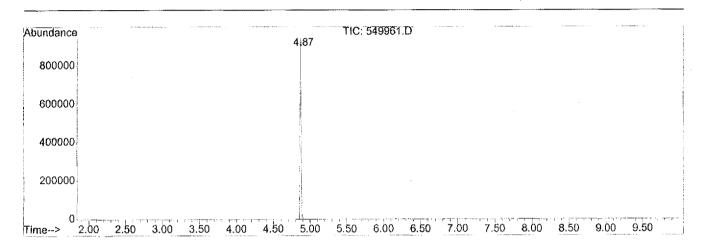
Operator : DJR

Date Acquired : 5 Aug 2007 9:26

Sample Name : COCAINE STD

Submitted by

Vial Number : 5 AcquisitionMeth: DRUGS Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.871	907085	100.00	100.00

File Name : E:\SYSTEM7\08 04 07\549961.D

Operator : DJR

Date Acquired : 5 Aug 2007 9:26

Sample Name : COCAINE STD

Submitted by

1

Vial Number : 5 AcquisitionMeth: DRUGS Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L

I.L Minimum Quality: 90 W TOX2.L Minimum Quality: 90

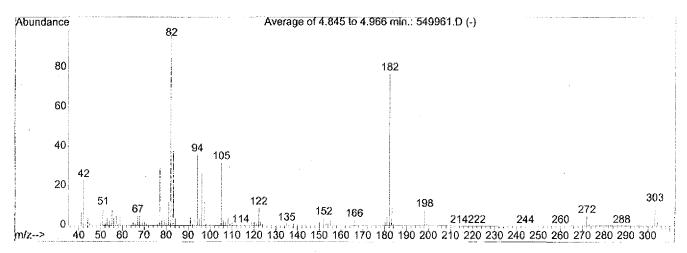
C:\DATABASE\PMW_TOX2.L

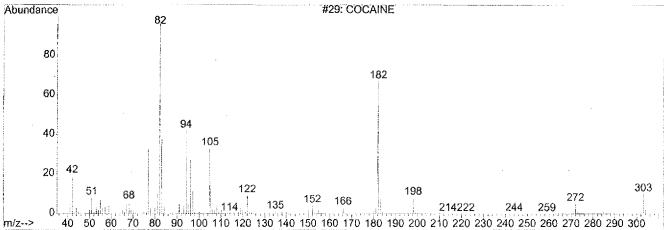
C:\DATABASE\NIST98.L

PK# RT Library/ID CAS# Qual

4.87 C:\DATABASE\SLI.L

COCAINE 000050-36-2





549961.D

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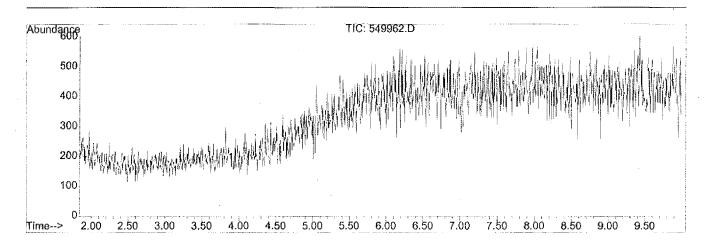
Information from Data File:

File Name : E:\SYSTEM7\08 04 07\549962.D

Operator : DJR

Date Acquired : 5 Aug 2007 9:39

Sample Name : BLANK Submitted by : DXF Vial Number : 2 AcquisitionMeth: DRUGS Integrator : RTE



Ret. Time Area Area % Ratio %

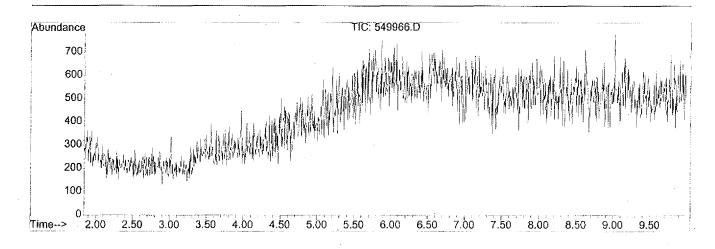
NO INTEGRATED PEAKS

File Name : E:\SYSTEM7\08_04_07\549966.D

Operator : DJR

Date Acquired: 5 Aug 2007 10:29

Sample Name : BLANK Submitted by : DXF Vial Number : 2 AcquisitionMeth: DRUGS Integrator : RTE



Ret. Time

Area

Area %

Ratio %

NO INTEGRATED PEAKS

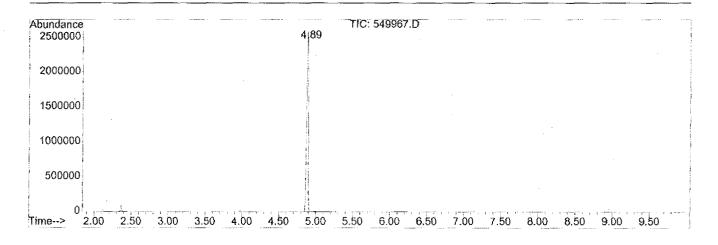
Information from Data File:

File Name : E:\SYSTEM7\08 04 07\549967.D

Operator : DJR

Date Acquired : 5 Aug 2007 10:42

Sample Name : 817457 Submitted by : DXF Vial Number : 18 AcquisitionMeth: DRUGS Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.887	3889201	100.00	100.00

File Name : E:\SYSTEM7\08 04 07\549967.D

Operator : DJR

Date Acquired : 5 Aug 2007 10:42

Sample Name : 817457 Submitted by : DXF Vial Number : 18 AcquisitionMeth: DRUGS Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L

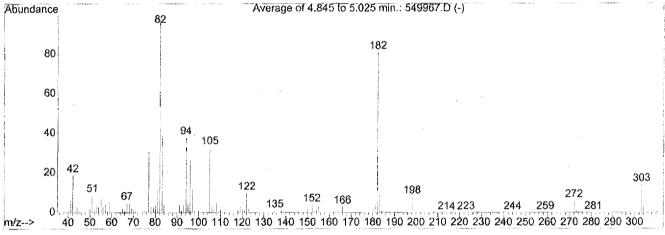
Minimum Quality: 90

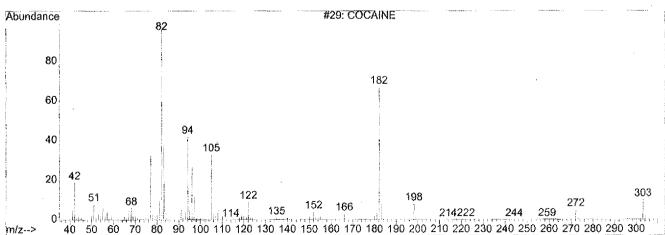
C:\DATABASE\PMW_TOX2.L

Minimum Quality: 90

C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
1	4.89	C:\DATABASE\SLI.L COCAINE	000050-36-2	2 99





549967.D

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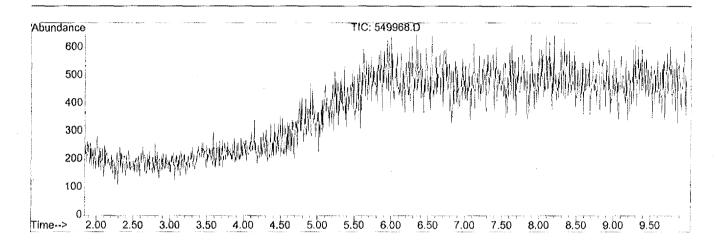
Information from Data File:

File Name : E:\SYSTEM7\08 04 07\549968.D

Operator : DJR

Date Acquired : 5 Aug 2007 10:54

Sample Name : BLANK Submitted by : DXF Vial Number : 2 AcquisitionMeth: DRUGS Integrator : RTE



Ret. Time

Area

Area 9

Ratio %

NO INTEGRATED PEAKS

File Name : E:\SYSTEM7\08 04 07\549976.D

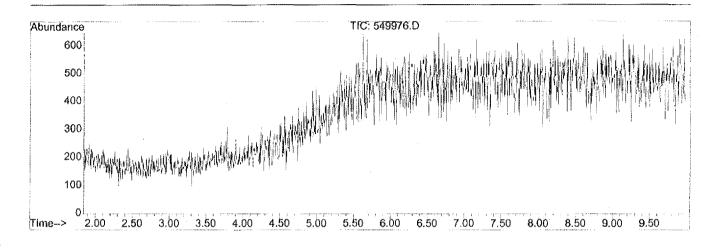
Operator : DJR

Date Acquired : 5 Aug 2007 12:36

Sample Name : BLANK

Submitted by

Vial Number : 2 AcquisitionMeth: DRUGS Integrator : RTE



Ret. Time Area Area % Ratio %

^{***}NO INTEGRATED PEAKS***

Information from Data File:

File Name : E:\SYSTEM7\08 04 07\549977.D

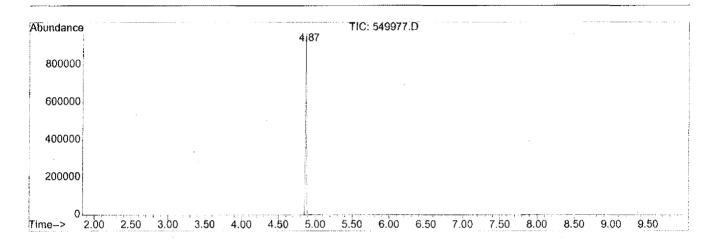
Operator : DJR

Date Acquired : 5 Aug 2007 12:49

Sample Name : COCAINE STD

Submitted by

Vial Number : 5 AcquisitionMeth: DRUGS Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.871	923224	100.00	100.00

File Name : E:\SYSTEM7\08 04 07\549977.D

Operator : DJR

Date Acquired : 5 Aug 2007 12:49

Sample Name : COCAINE STD

Submitted by

Vial Number : 5 AcquisitionMeth: DRUGS Integrator : RTE

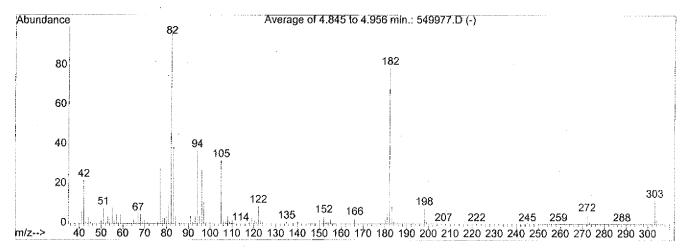
Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90

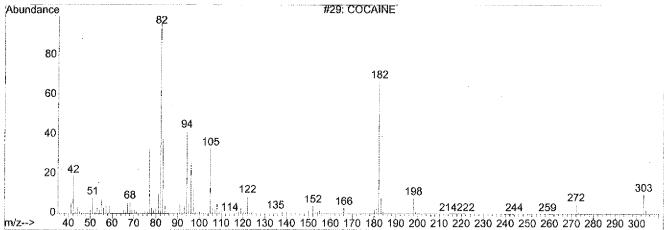
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90 C:\DATABASE\NIST98.L

PK# RT Library/ID CAS# Qual

1 4.87 C:\DATABASE\SLI.L

COCAINE 000050-36-2 99





549977.D

Tue May 31 10:00:30 2011

Information from Data File:

File Name : E:\SYSTEM4\08_08_07\551605.D

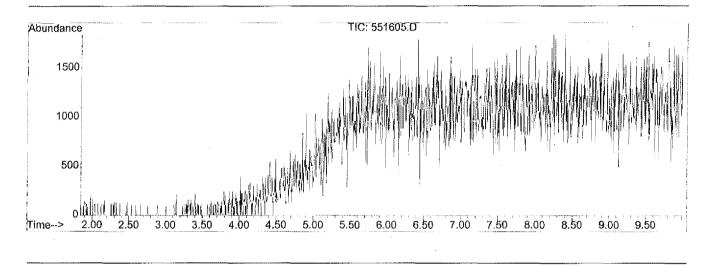
Operator : ASD

Date Acquired: 8 Aug 2007 10:54

Sample Name : BLANK

Submitted by

Vial Number : 1 AcquisitionMeth: DRUGS Integrator : RTE



Ret. Time

Area

Area

9

Ratio %

File Name : E:\SYSTEM4\08 08 07\551606.D

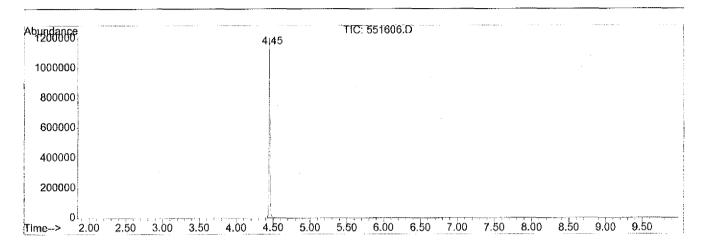
Operator : ASD

Date Acquired: 8 Aug 2007 11:08

Sample Name : COCAINE STD

Submitted by

Vial Number : 6 AcquisitionMeth: DRUGS Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.445	1064336	100.00	100.00

File Name : E:\SYSTEM4\08_08_07\551606.D

Operator : ASD

Date Acquired : 8 Aug 2007 11:08

Sample Name : COCAINE STD

Submitted by

Vial Number : 6
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L

Minimum Quality: 90
Minimum Quality: 90

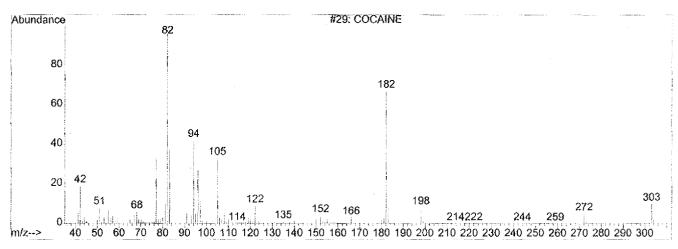
C:\DATABASE\PMW_TOX2.L
C:\DATABASE\NIST98.L

PK# RT Library/ID CAS# Qual

1 4.45 C:\DATABASE\SLI.L COCAINE

000050-36-2 99

Abundance Average of 4.424 to 4.524 min.: 551606.D (-) 82 80 182 60 40 105 20 42 303 122 51 198 67 152 166 135 207215 242 260 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300 60 70 80



551606.D

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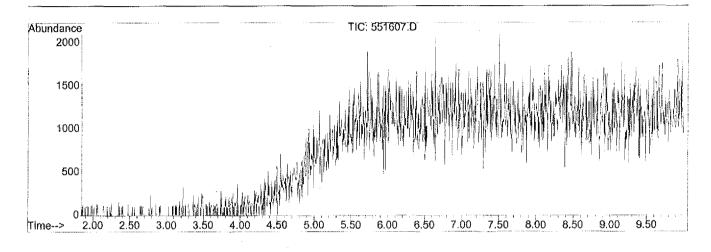
Information from Data File:

File Name : E:\SYSTEM4\08_08_07\551607.D

Operator : ASD

Date Acquired: 8 Aug 2007 11:22

Sample Name : BLANK
Submitted by : dxf
Vial Number : 1
AcquisitionMeth: DRUGS
Integrator : RTE



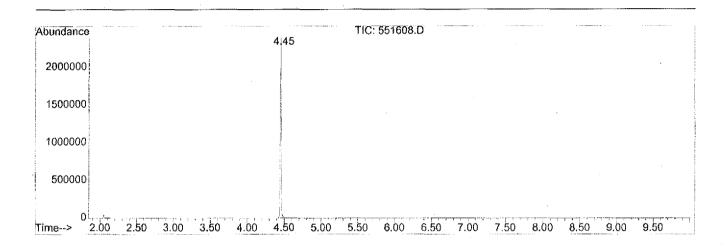
Ret. Time Area Area % Ratio %

File Name : E:\SYSTEM4\08_08_07\551608.D

Operator : ASD

Date Acquired : 8 Aug 2007 11:36

Sample Name : DXF
Submitted by : DXF
Vial Number : 8
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.449	2321258	100.00	100.00

File Name : E:\SYSTEM4\08 08 07\551608.D

Operator : ASD

Date Acquired : 8 Aug 2007 11:36

Sample Name :

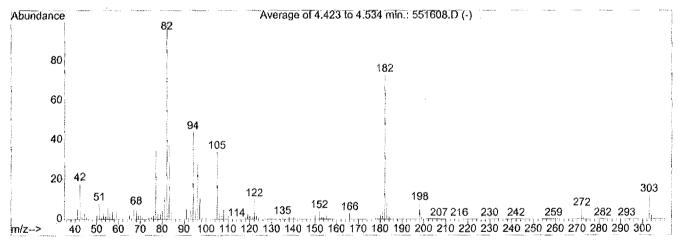
Submitted by : DXF Vial Number : 8 AcquisitionMeth: DRUGS Integrator : RTE

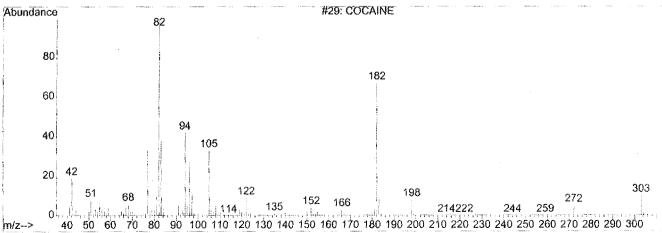
Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90

C:\DATABASE\PMW TOX2.L Minimum Quality: 90

C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
1	4.45	C:\DATABASE\SLI.L COCAINE	000050-36-2	99





551608.D

Tue May 31 10:01:15 2011

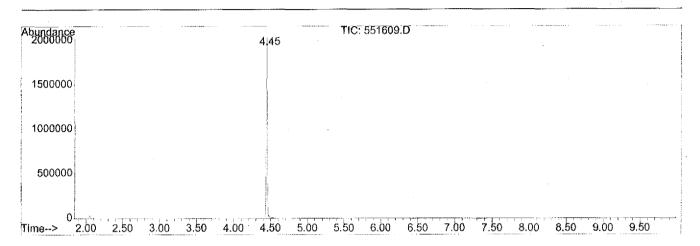
File Name : E:\SYSTEM4\08 08_07\551609.D

Operator : ASD

Date Acquired: 8 Aug 2007 11:49

Sample Name :

Submitted by : DXF Vial Number : 9 AcquisitionMeth: DRUGS Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.447	1847667	100.00	100.00

File Name : E:\SYSTEM4\08 08 07\551609.D

Operator : ASD

Date Acquired : 8 Aug 2007 11:49

Sample Name :

Submitted by : DXF
Vial Number : 9
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries:

C:\DATABASE\SLI.L

Minimum Quality: 90
Minimum Quality: 90

C:\DATABASE\PMW_TOX2.L

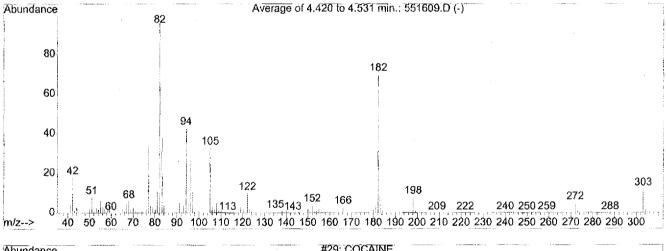
C:\DATABASE\NIST98.L

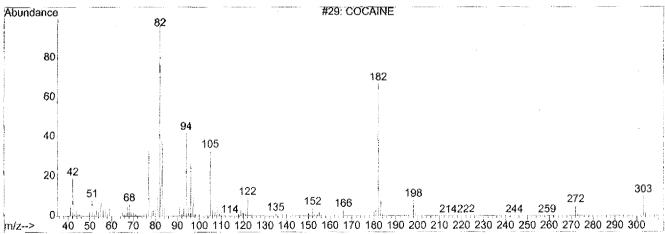
PK# RT Library/ID CAS# Qual

1 4.45 C:\DATABASE\SLI.L

COCAINE

000050-36-2 99





551609.D

Tue May 31 10:01:18 2011

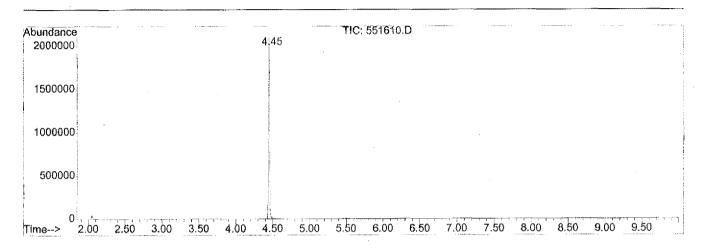
File Name : E:\SYSTEM4\08_08_07\551610.D

Operator : ASD

Date Acquired : 8 Aug 2007 12:03

Sample Name :

Submitted by : DXF
Vial Number : 10
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.449	1973444	100.00	100.00

File Name : E:\SYSTEM4\08 08 07\551610.D

Operator : ASD

Date Acquired 8 Aug 2007 12:03

: 817458-3 Sample Name

Submitted by : DXF Vial Number 10 AcquisitionMeth: DRUGS : RTE Integrator

Search Libraries: Minimum Quality: 90 C:\DATABASE\SLI.L Minimum Quality: 90

C:\DATABASE\PMW TOX2.L

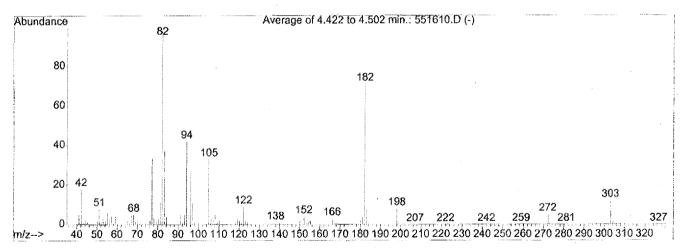
C:\DATABASE\NIST98.L

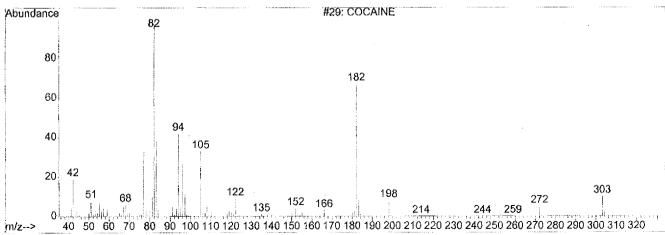
PK# RTLibrary/ID CAS# Qual

C:\DATABASE\SLI.L 1 4.45

COCAINE

000050-36-2 99





551610.D

Tue May 31 10:01:21 2011

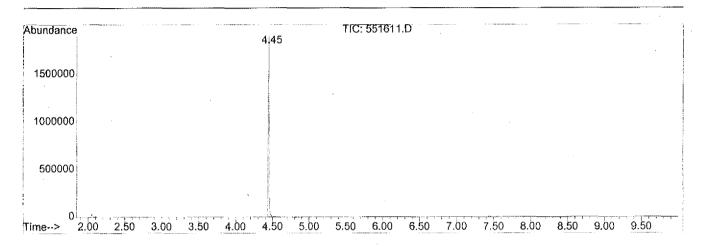
File Name : E:\SYSTEM4\08_08_07\551611.D

Operator : ASD

Date Acquired : 8 Aug 2007 12:17

Sample Name : Submitted by :

Submitted by : DXF
Vial Number : 11
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.446	1724010	100.00	100.00

File Name : E:\SYSTEM4\08 08 07\551611.D

Operator : ASD

Date Acquired : 8 Aug 2007 12:17

Sample Name :

Submitted by : DXF Vial Number : 11 AcquisitionMeth: DRUGS Integrator : RTE

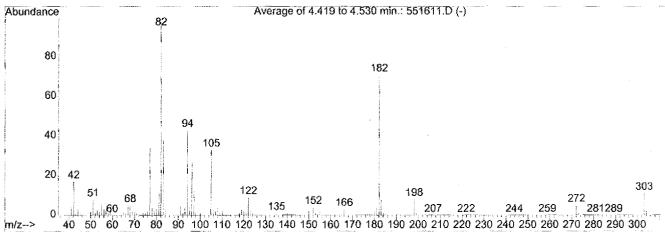
Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90

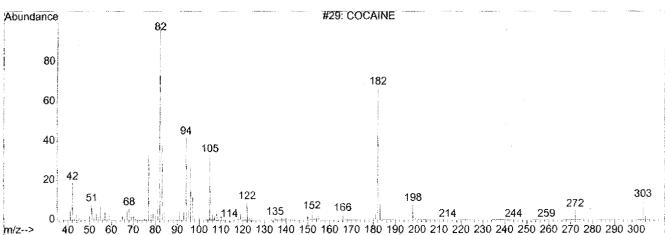
C:\DATABASE\PMW TOX2.L Minimum Quality: 90

C:\DATABASE\NIST98.L

PK# RT Library/ID CAS# Qual

1 4.45 C:\DATABASE\SLI.L COCAINE 000050-36-2 99





551611.D

Tue May 31 10:01:25 2011

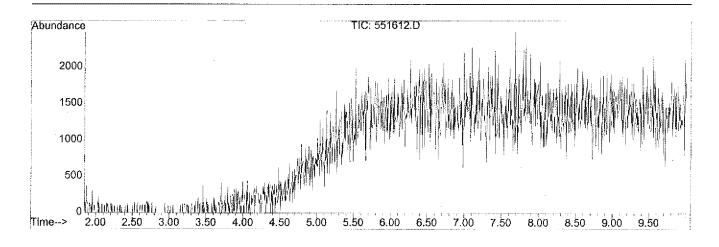
Information from Data File:

File Name : E:\SYSTEM4\08 08 07\551612.D

Operator : ASD

Date Acquired : 8 Aug 2007 12:31

Sample Name : BLANK Submitted by : DXF Vial Number : 1 AcquisitionMeth: DRUGS Integrator : RTE



Ret. Time Area Area % Ratio %

Information from Data File:

File Name : E:\SYSTEM4\08 08 07\551620.D

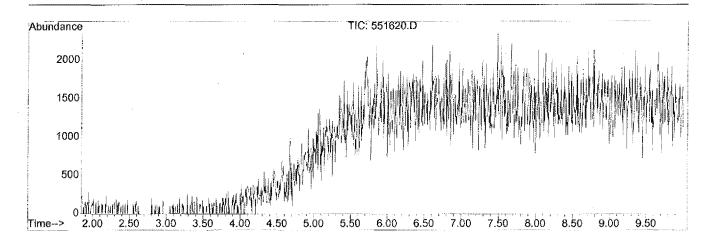
Operator : ASD

Date Acquired : 8 Aug 2007 14:20

Sample Name : BLANK

Submitted by :

Vial Number : 1 AcquisitionMeth: DRUGS Integrator : RTE



Ret. Time Area Area % Ratio %

File Name : E:\SYSTEM4\08 08 07\551621.D

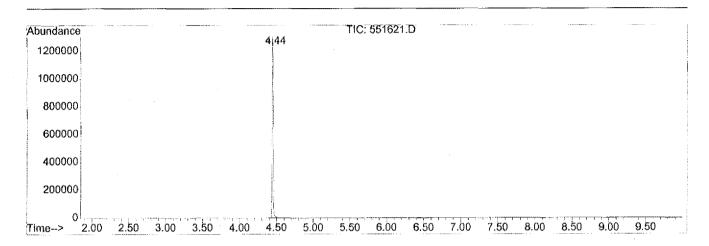
Operator : ASD

Date Acquired : 8 Aug 2007 14:34

Sample Name : COCAINE STD

Submitted by

Vial Number : 21 AcquisitionMeth: DRUGS Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.445	1163332	100.00	100.00

File Name : E:\SYSTEM4\08 08 07\551621.D

: ASD Operator

Date Acquired 8 Aug 2007 14:34

COCAINE STD Sample Name

Submitted by

Vial Number 21 AcquisitionMeth: DRUGS : RTE Integrator

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90 Minimum Quality: 90

C:\DATABASE\PMW TOX2.L

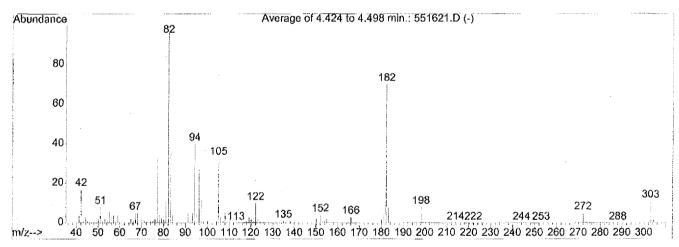
C:\DATABASE\NIST98.L

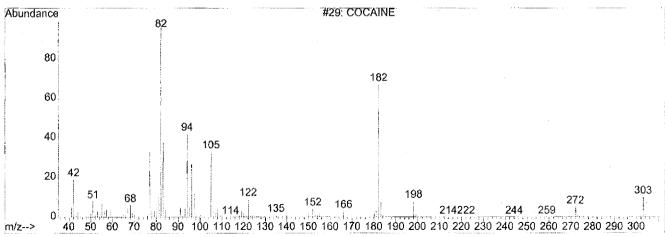
PK# RTLibrary/ID CAS# Qual

C:\DATABASE\SLI.L 4.44 1

COCAINE

000050-36-2 99





551621.D

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File Name : E:\SYSTEM4\08 08 07\551622.D

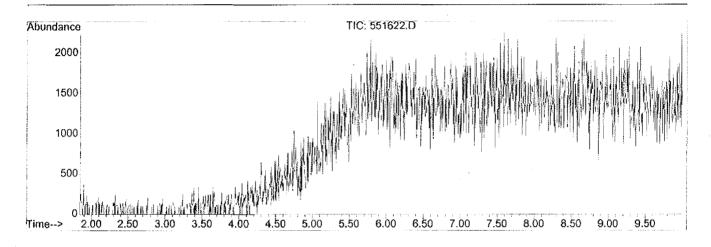
Operator : ASD

Date Acquired : 8 Aug 2007 14:48

Sample Name : BLANK

Submitted by :

Vial Number : 1 AcquisitionMeth: DRUGS Integrator : RTE



Ret. Time Area Area % Ratio %

Information from Data File:

File Name : E:\SYSTEM4\08_07_07\551371.D

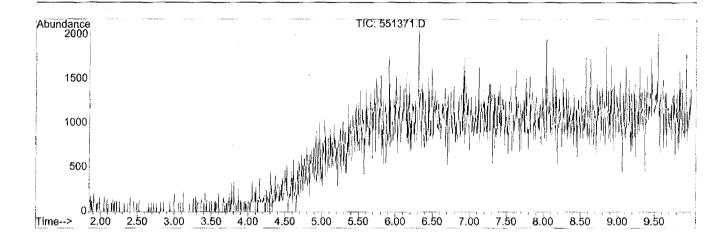
Operator : ASD

Date Acquired : 8 Aug 2007 1:56

Sample Name : BLANK

Submitted by

Vial Number : 2 AcquisitionMeth: DRUGS Integrator : RTE



Ret. Time

Area

Area S

Ratio %

NO INTEGRATED PEAKS

551371.D

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Information from Data File:

File Name : E:\SYSTEM4\08_07_07\551372.D

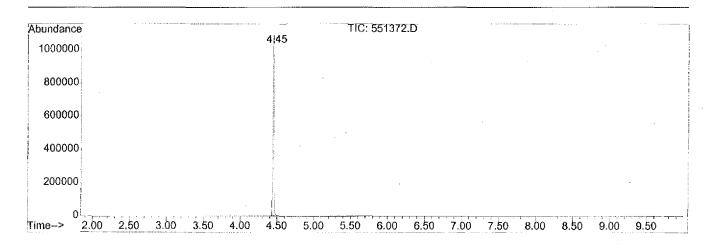
Operator : ASD

Date Acquired : 8 Aug 2007 2:11

Sample Name : COCAINE STD

Submitted by :

Vial Number : 72 AcquisitionMeth: DRUGS Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
4.446	1002452	100.00	100.00	

File Name : E:\SYSTEM4\08 07 07\551372.D

Operator : ASD

Date Acquired : 8 Aug 2007 2:11

Sample Name : COCAINE STD

Submitted by :

Vial Number : 72 AcquisitionMeth: DRUGS Integrator : RTE

Search Libraries:

RT

PK#

C:\DATABASE\SLI.L

Minimum Quality: 90

C:\DATABASE\PMW TOX2.L

C:\DATABASE\NIST98.L

Minimum Quality: 90

1 4.45 C:\DATABASE\SLI.L

Library/ID

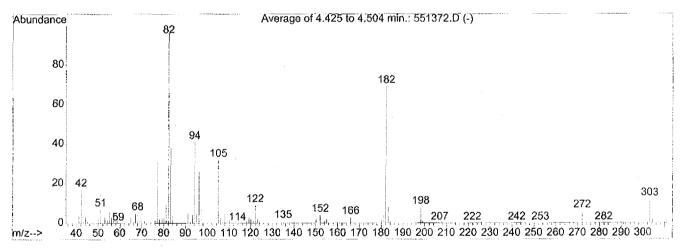
COCAINE

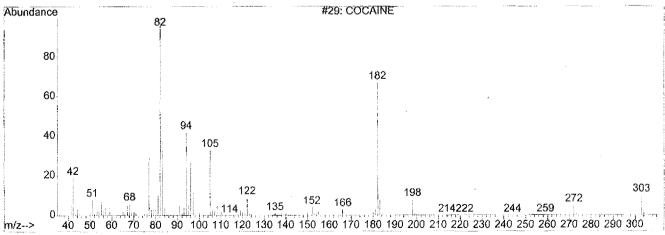
000050-36-2

CAS#

99

Qua1





551372.D

Tue May 31 10:02:25 2011

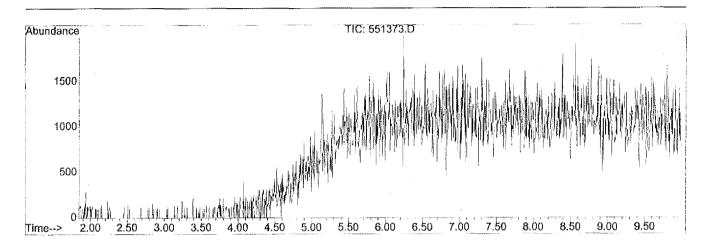
Information from Data File:

File Name : E:\SYSTEM4\08_07_07\551373.D

Operator : ASD

Date Acquired: 8 Aug 2007 2:24

Sample Name : BLANK Submitted by : KAC Vial Number : 2 AcquisitionMeth: DRUGS Integrator : RTE



Ret. Time Area Area % Ratio %

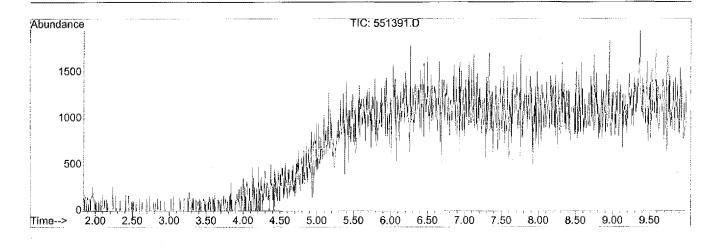
Information from Data File:

File Name : E:\SYSTEM4\08_07_07\551391.D

Operator : ASD

Date Acquired : 8 Aug 2007 6:31

Sample Name : BLANK Submitted by : DXF Vial Number : 2 AcquisitionMeth: DRUGS Integrator : RTE



Ret. Time Area Area % Ratio %

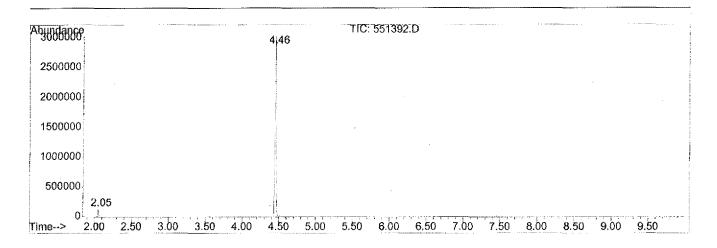
Information from Data File:

File Name : E:\SYSTEM4\08 07 07\551392.D

Operator : ASD

Date Acquired : 8 Aug 2007 6:45

Sample Name : DXF
Submitted by : DXF
Vial Number : 92
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
2.050 4.457		3.08 96.92	-

File Name : E:\SYSTEM4\08_07_07\551392.D

Operator : ASD

Date Acquired : __8 Aug 2007 6:45

Sample Name :

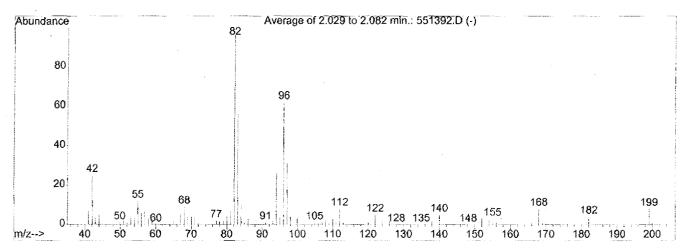
Submitted by : DXF Vial Number : 92 AcquisitionMeth: DRUGS Integrator : RTE

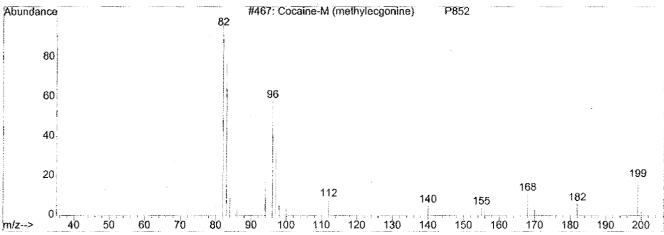
Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90

C:\DATABASE\PMW TOX2.L Minimum Quality: 90

C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
1	2.05	C:\DATABASE\PMW TOX2.L		
		Cocaine-M (methylecgonine)	007143-09-1	94
		Selegiline-M (nor-HO-)	000000-00-0	1:0
	•	Selegiline-M (nor-HO-) 2AC	00000-00-0	9





551392.D

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File Name : E:\SYSTEM4\08 07 07\551392.D

Operator : ASD

Date Acquired : 8 Aug 2007 6:45

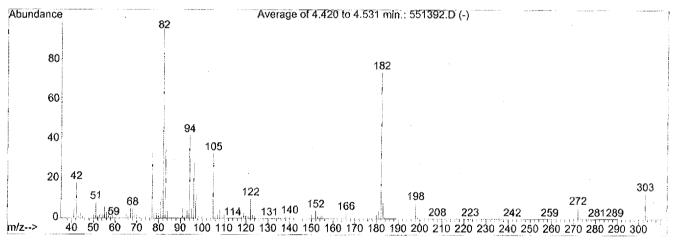
Sample Name :
Submitted by : DXF
Vial Number : 92
AcquisitionMeth: DRUGS
Integrator : RTE

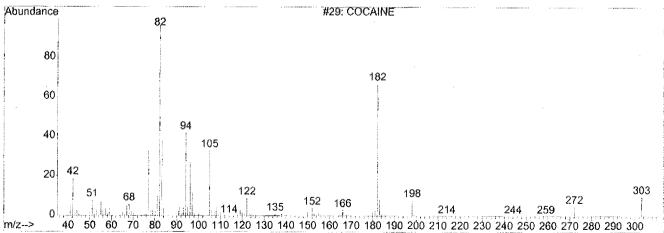
Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90

C:\DATABASE\PMW_TOX2.L Minimum Quality: 90 C:\DATABASE\NIST98.L

PK# RT Library/ID CAS# Qual

2 4.46 C:\DATABASE\SLI.L COCAINE 000050-36-2 99





551392.D

Tue May 31 10:02:42 2011

Information from Data File:

File Name : E:\SYSTEM4\08 07 07\551393.D

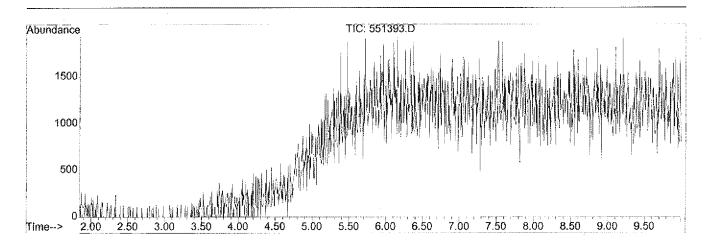
Operator : ASD

Date Acquired : 8 Aug 2007 6:58

Sample Ñame : BLANK

Submitted by

Vial Number AcquisitionMeth: DRUGS Integrator : RTE



Ret. Time

Area

Area

Ratio %

Information from Data File:

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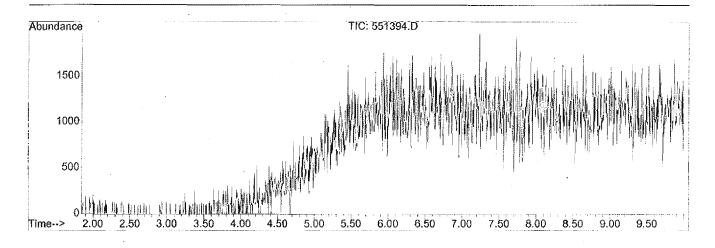
Operator : ASD

Date Acquired: 8 Aug 2007 7:12

Sample Name : BLANK

Submitted by :

Vial Number : 2 AcquisitionMeth: DRUGS Integrator : RTE



Ret. Time

Area

Area

Ratio %

File Name : E:\SYSTEM4\08_07_07\551395.D

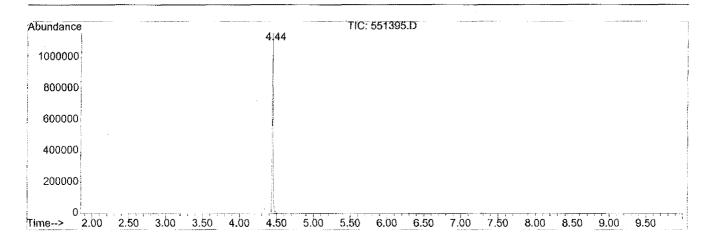
Operator : ASD

Date Acquired : 8 Aug 2007 7:26

Sample Name : COCAINE STD

Submitted by :

Vial Number : 95 AcquisitionMeth: DRUGS Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
4.443	1038937	100.00	100.00	

File Name : E:\SYSTEM4\08 07 07\551395.D

Operator : ASD

Date Acquired : 8 Aug 2007 7:26

Sample Name : COCAINE STD

Submitted by :

Vial Number : 95 AcquisitionMeth: DRUGS Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90

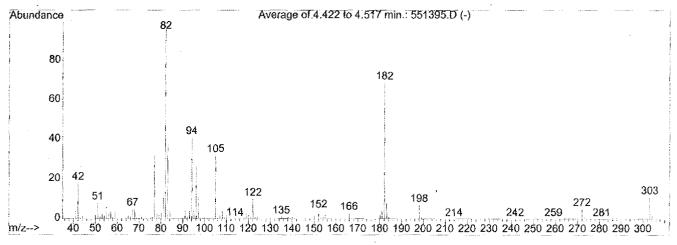
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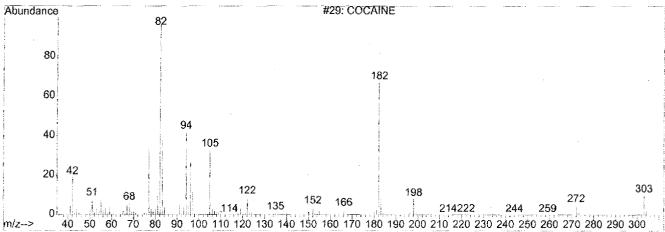
C:\DATABASE\NIST98.L

PK# RT Library/ID CAS# Qual

1 4.44 C:\DATABASE\SLI.L

COCAINE 000050-36-2





551395.D

Tue May 31 10:02:52 2011

Page 2

99

Information from Data File:

File Name : E:\SYSTEM4\08_07_07\551396.D

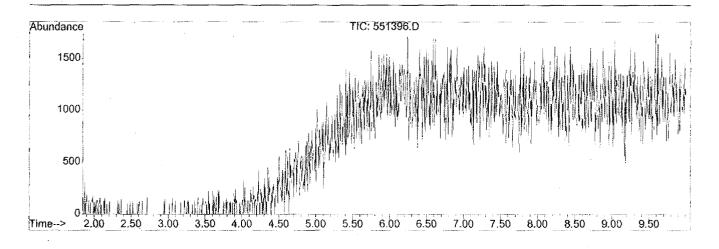
Operator : ASD

Date Acquired : 8 Aug 2007 7:39

Sample Name : BLANK

Submitted by

Vial Number : 2 AcquisitionMeth: DRUGS Integrator : RTE



Ret. Time

Area

Area

Ratio %